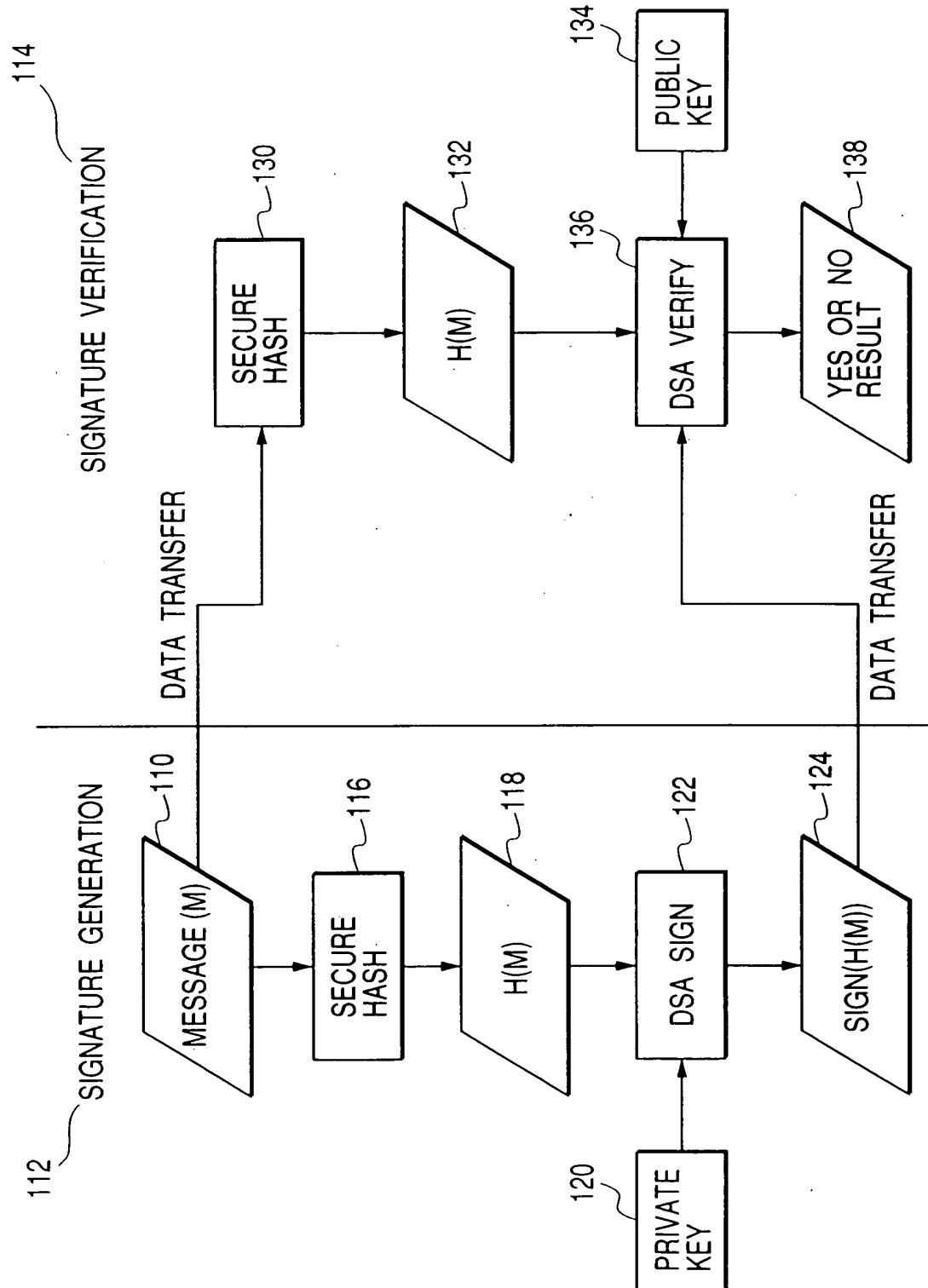


FIG. 1
PRIOR ART



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FIG. 2

VALIDITY RECOVERY SYSTEM

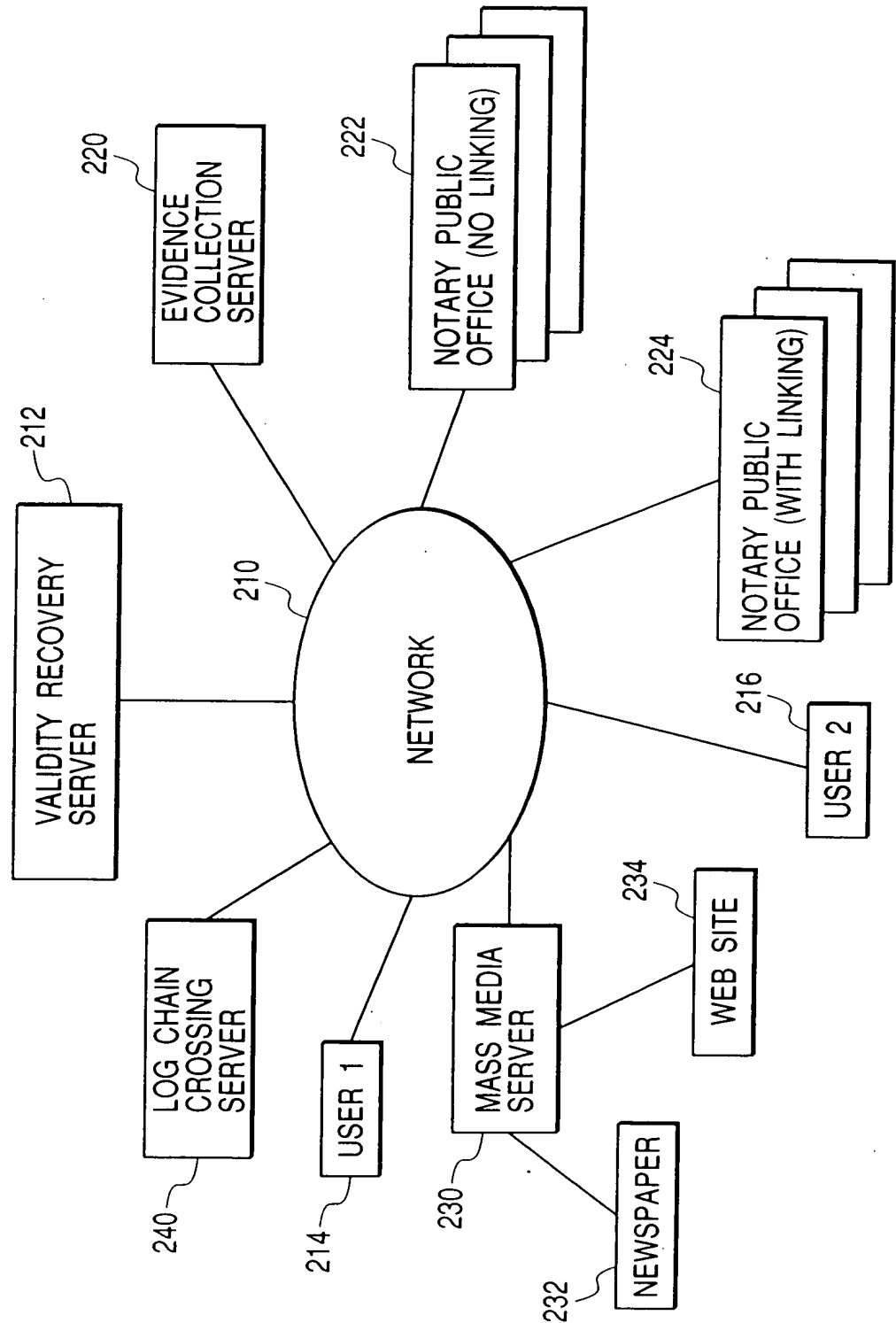


FIG. 3

EXAMPLE COMPUTER

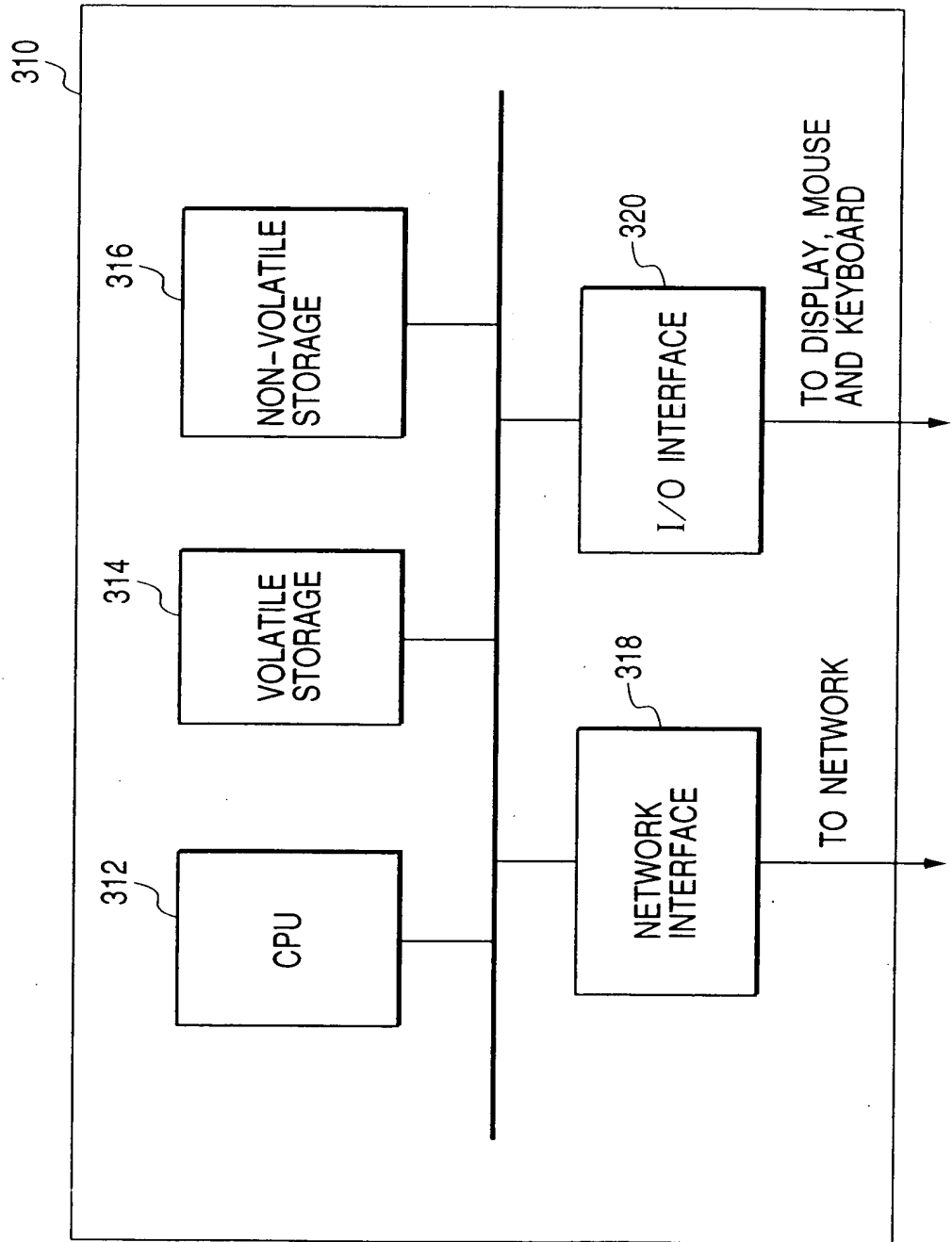


FIG. 4

MESSAGE FORMAT (410)

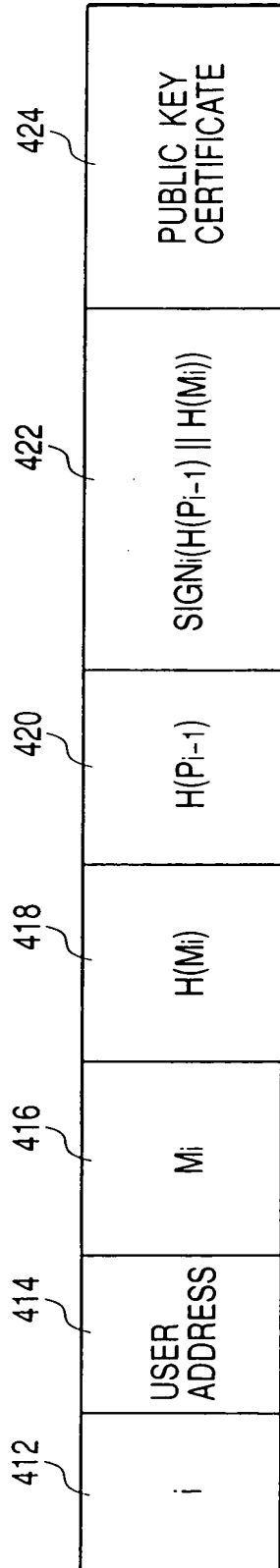


FIG. 5

MESSAGE FORMAT WITH TIMESTAMP (510)

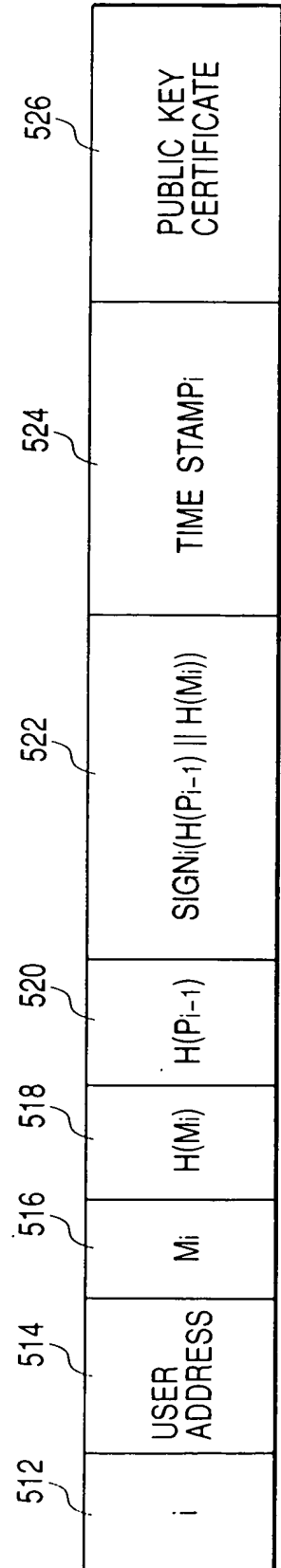


FIG. 6

SIGNATURE LOG

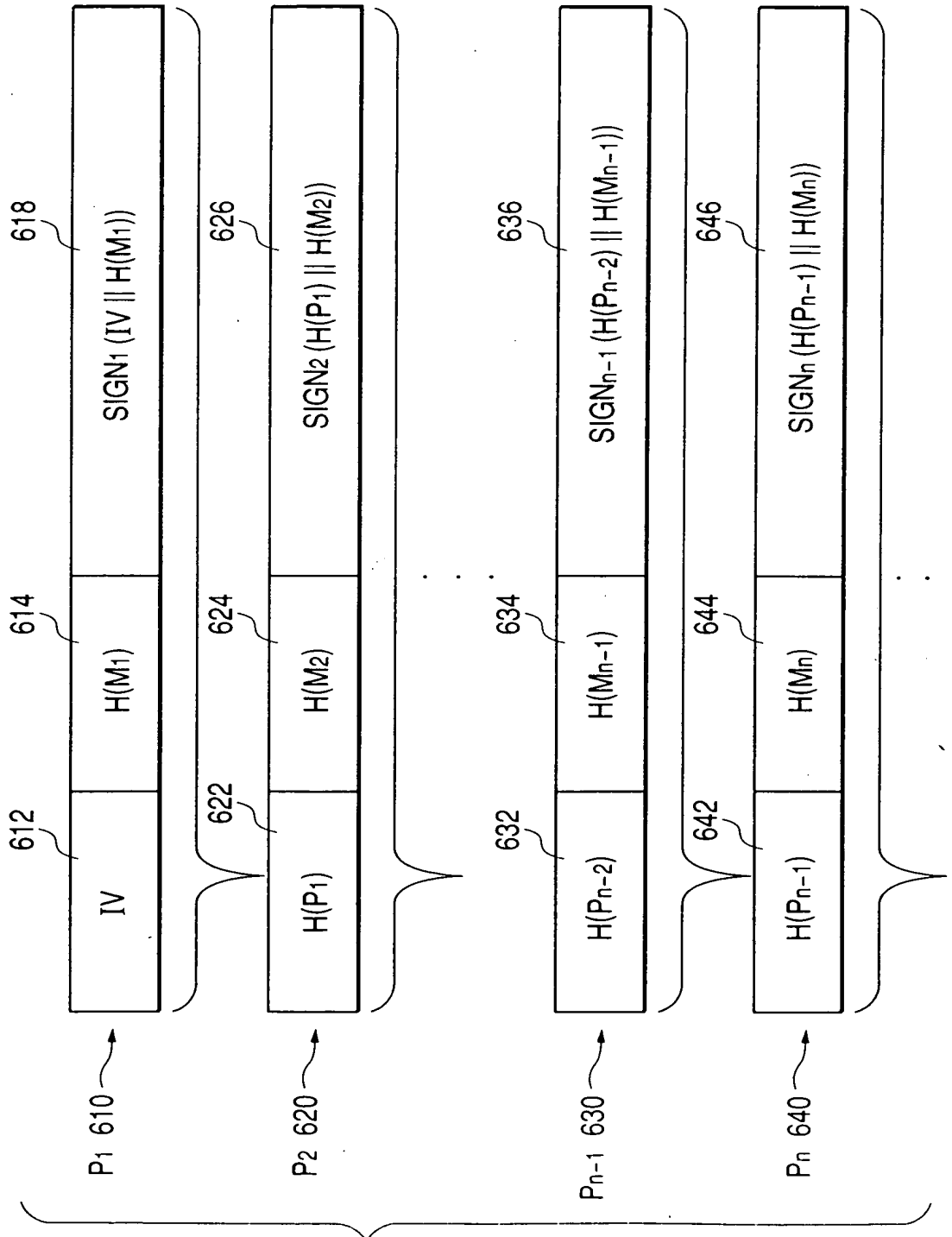
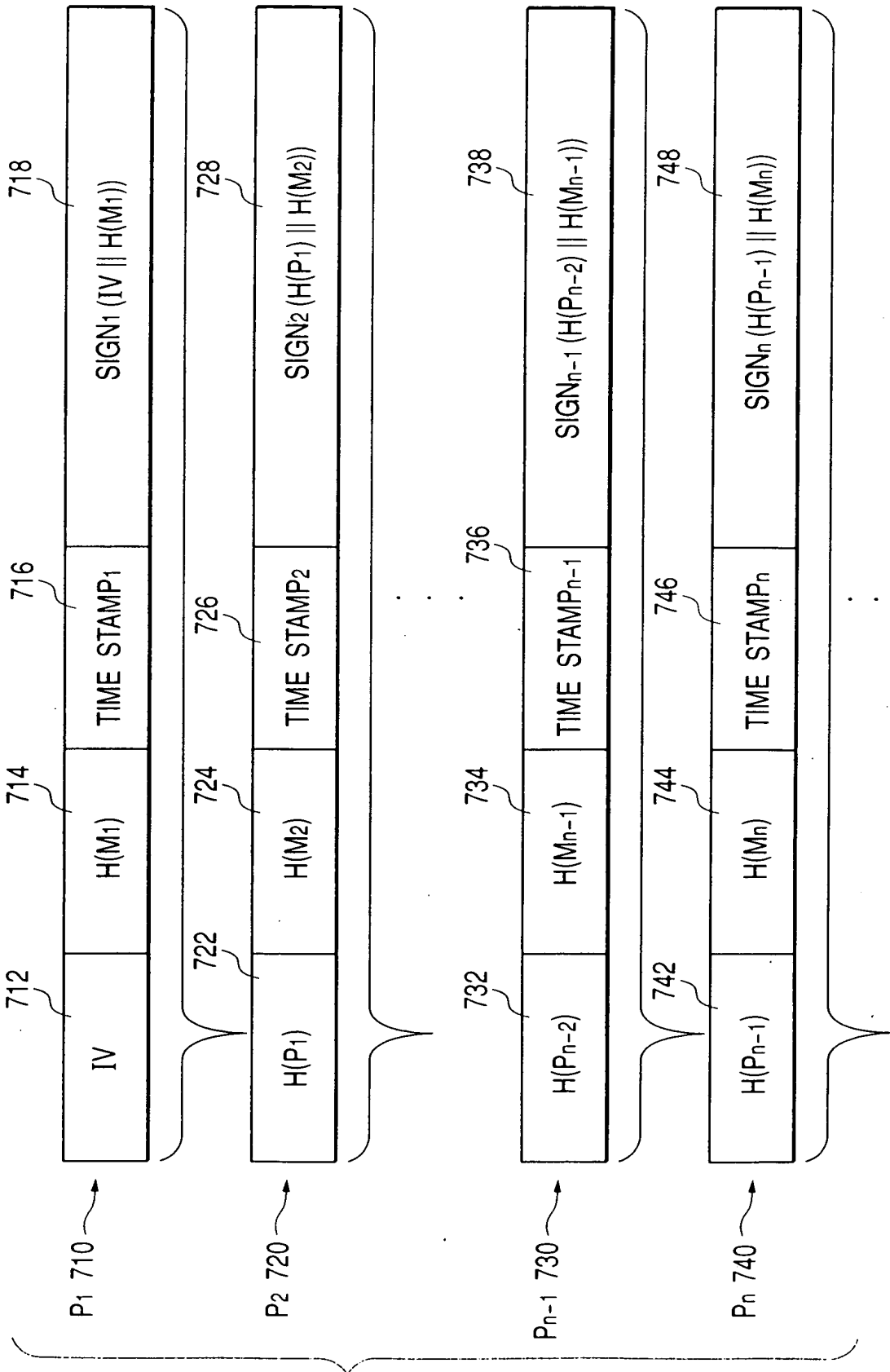


FIG. 7

ANOTHER SIGNATURE LOG WITH TIMESTAMP



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FIG. 8

VALIDATING LOG ENTRIES-BACKWARD CHAINING

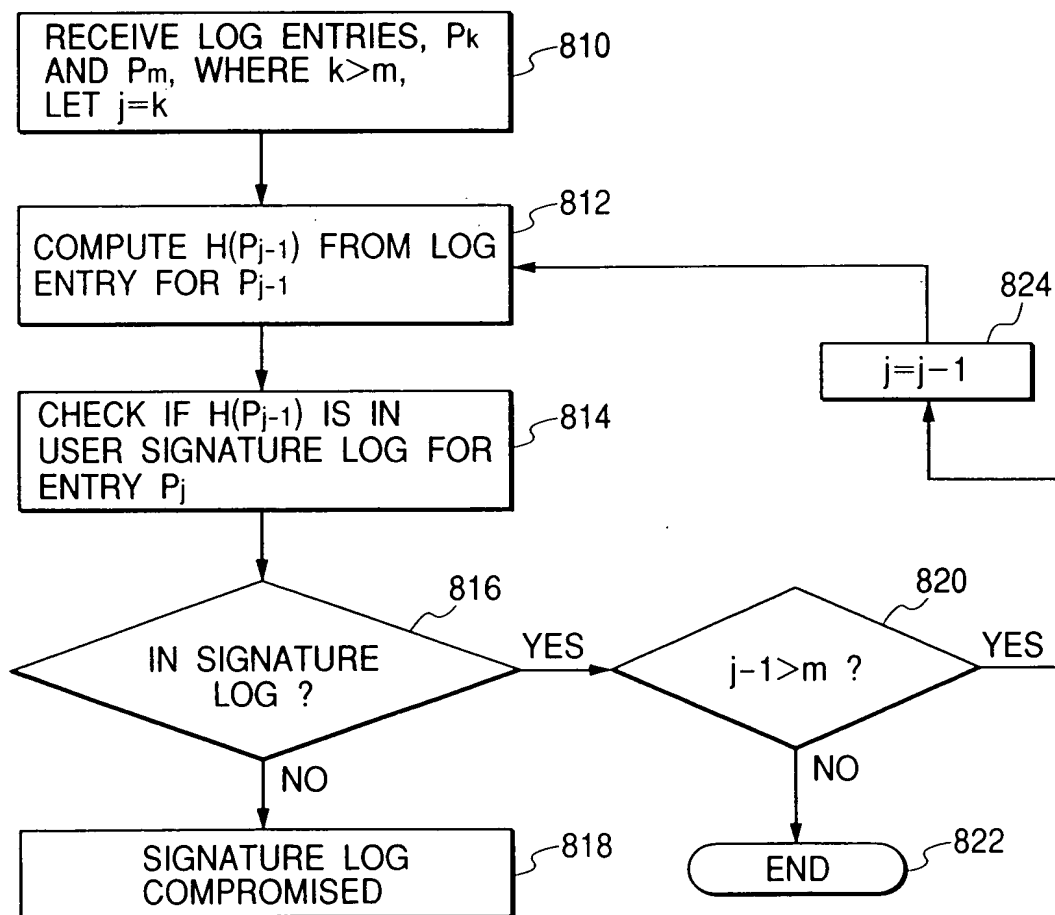


FIG. 9

CHECKPOINTING (e.g., PUBLISHING OR NOTARY) LOG ENTRY

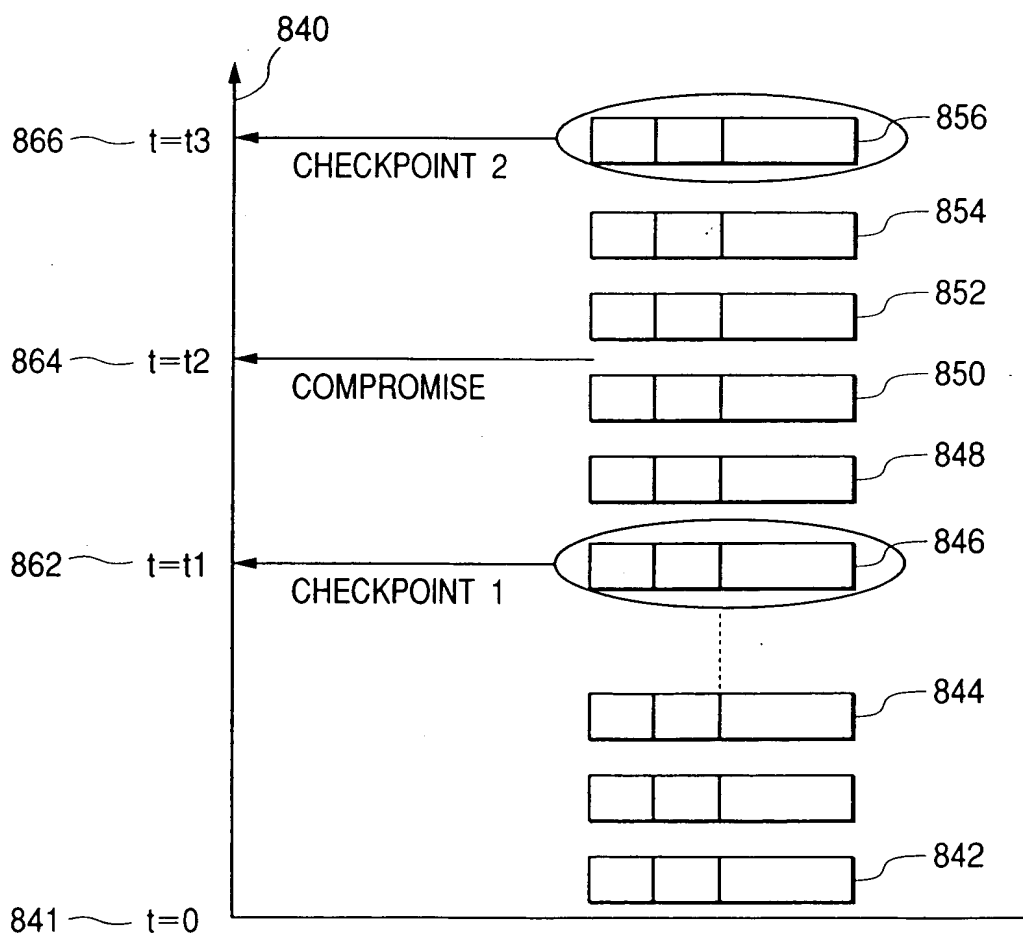


FIG. 10
 LOG CHAIN CROSSING SERVER

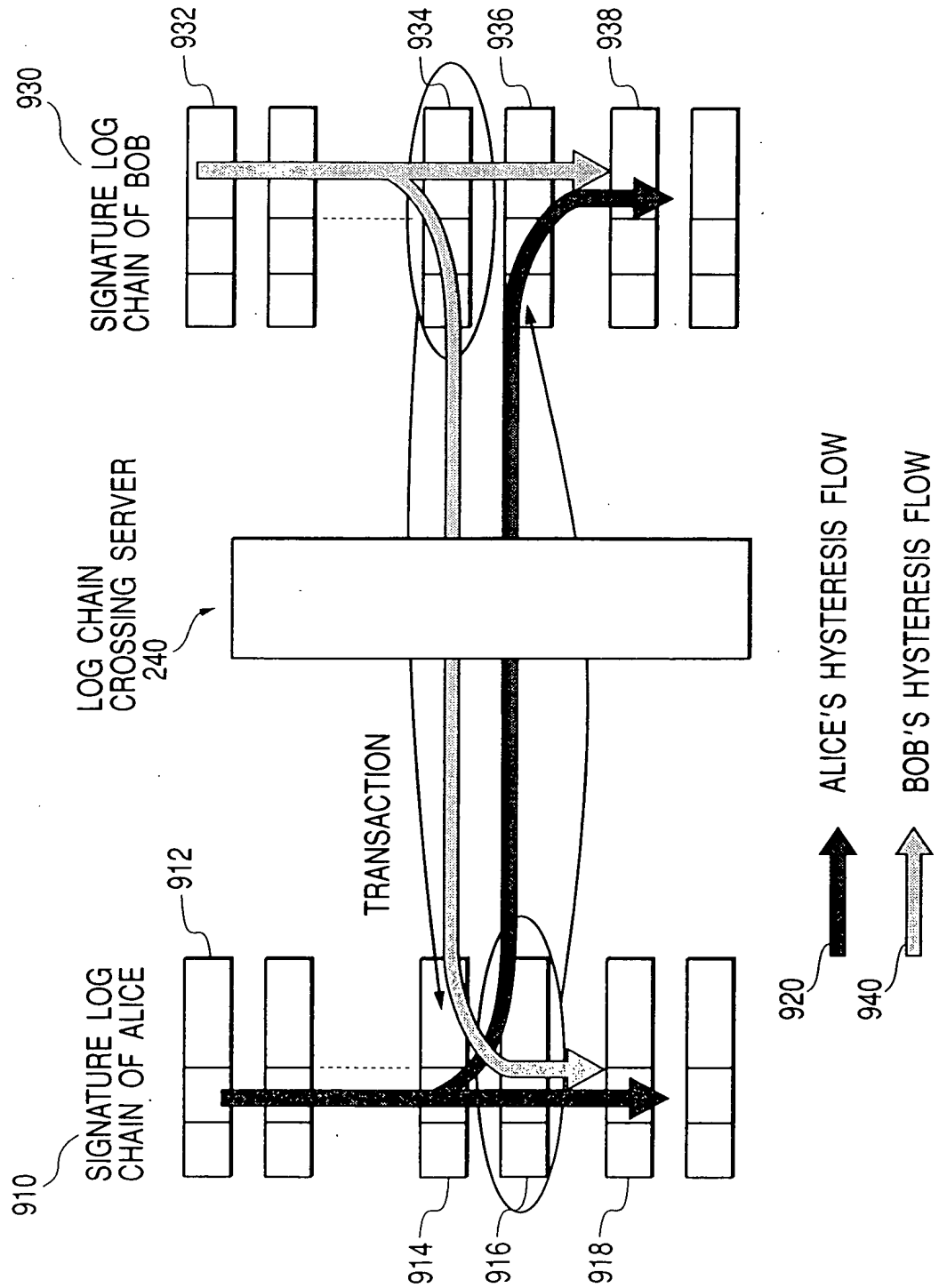
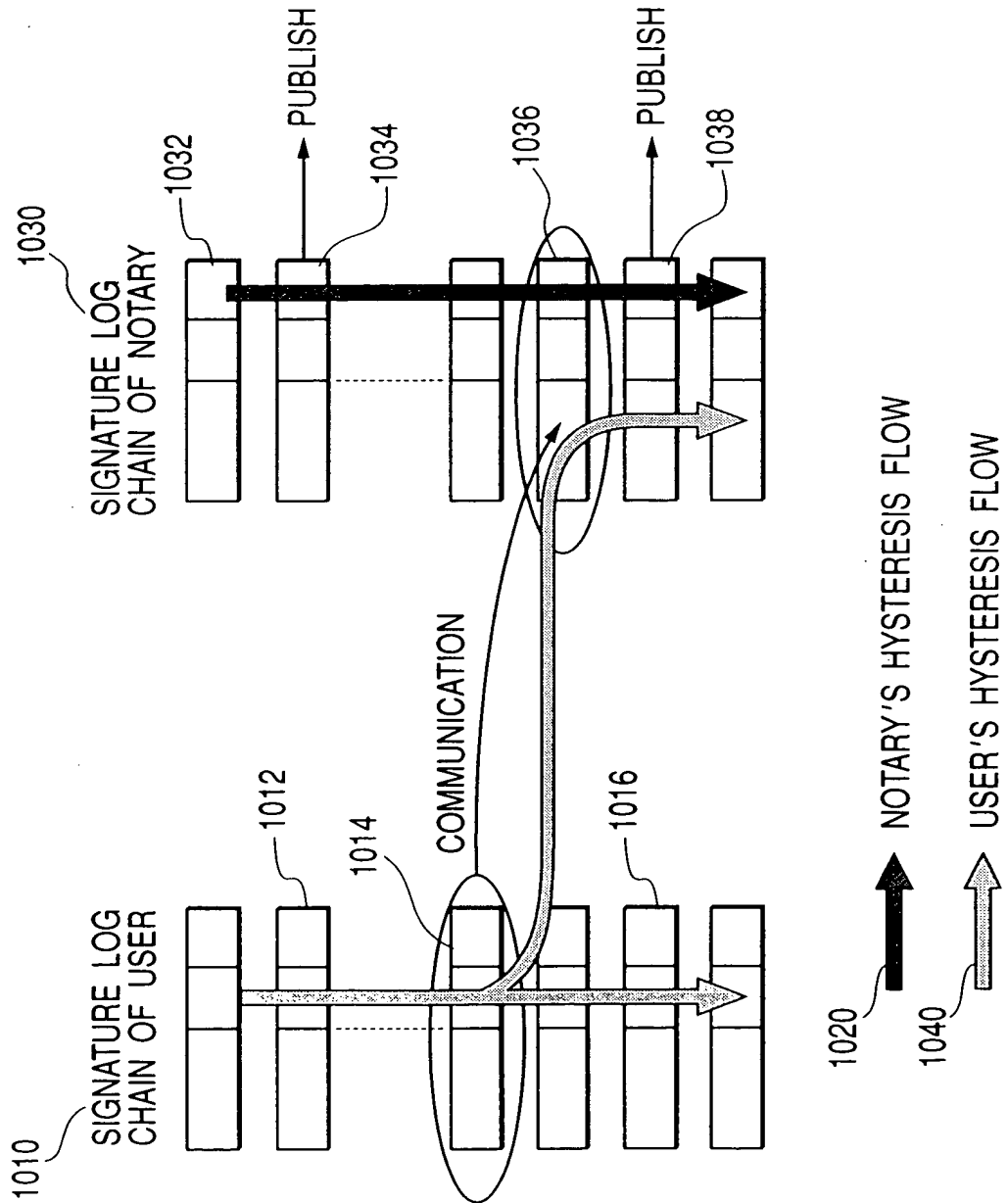


FIG. 11

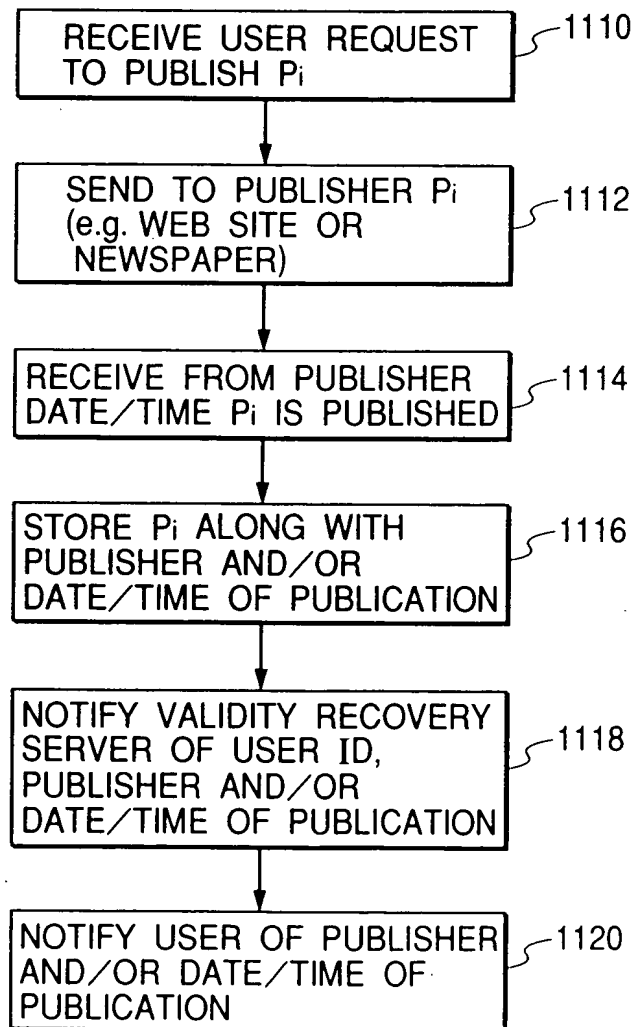
NOTARY WITH LINKING



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FIG. 12

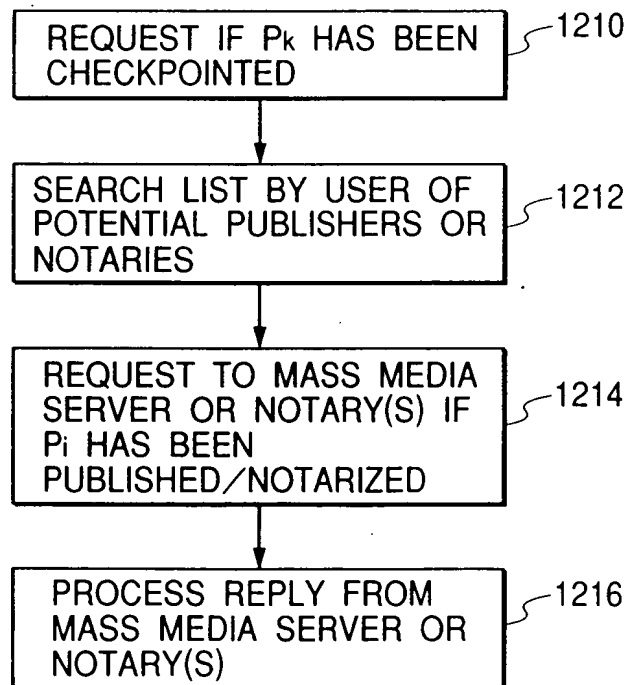
MASS MEDIA SERVER



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FIG. 13

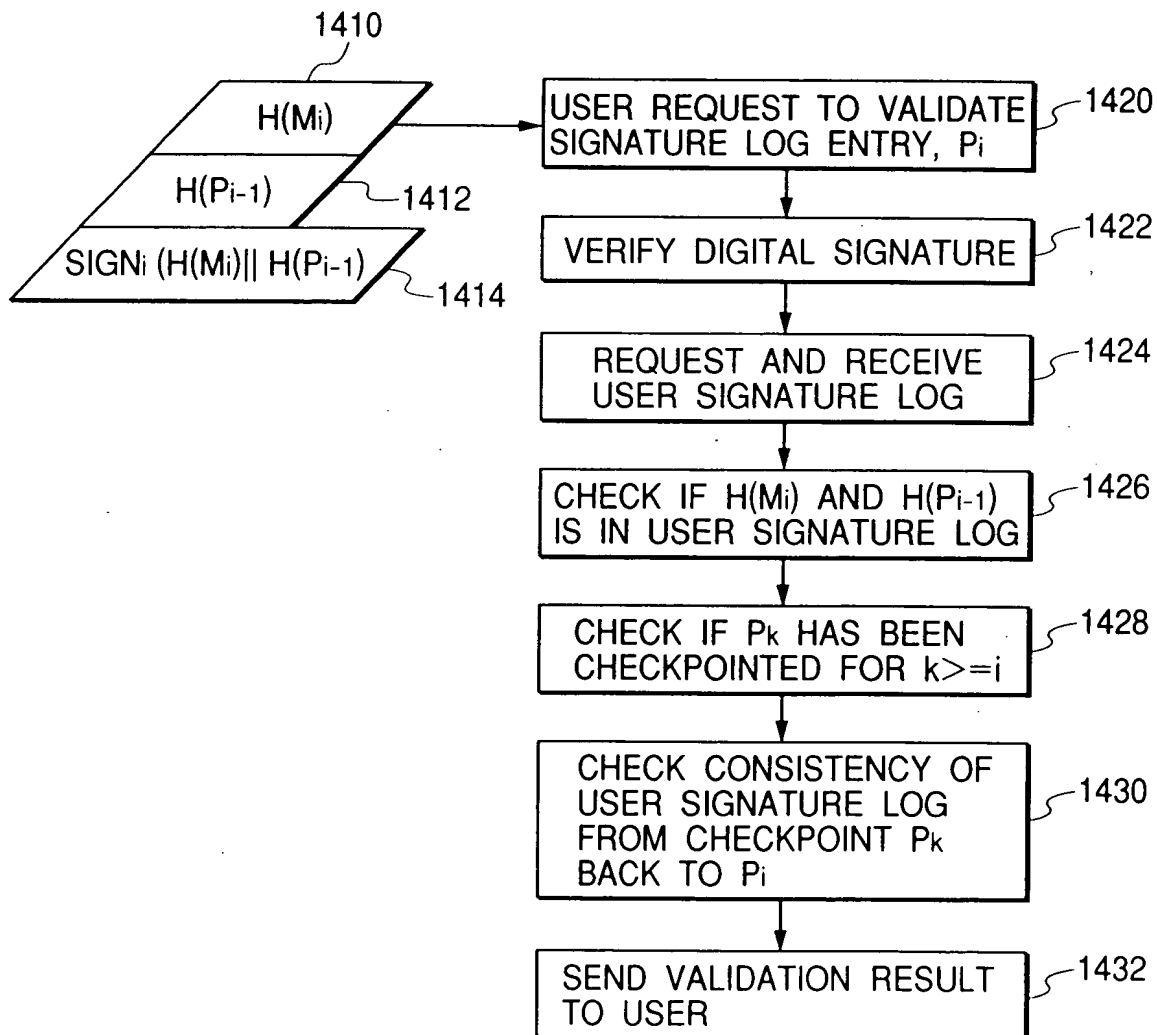
RECOVERY SERVER DETERMINING
IF SIGNATURE LOG ENTRY HAS
BEEN CHECKPOINTED



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FIG. 14

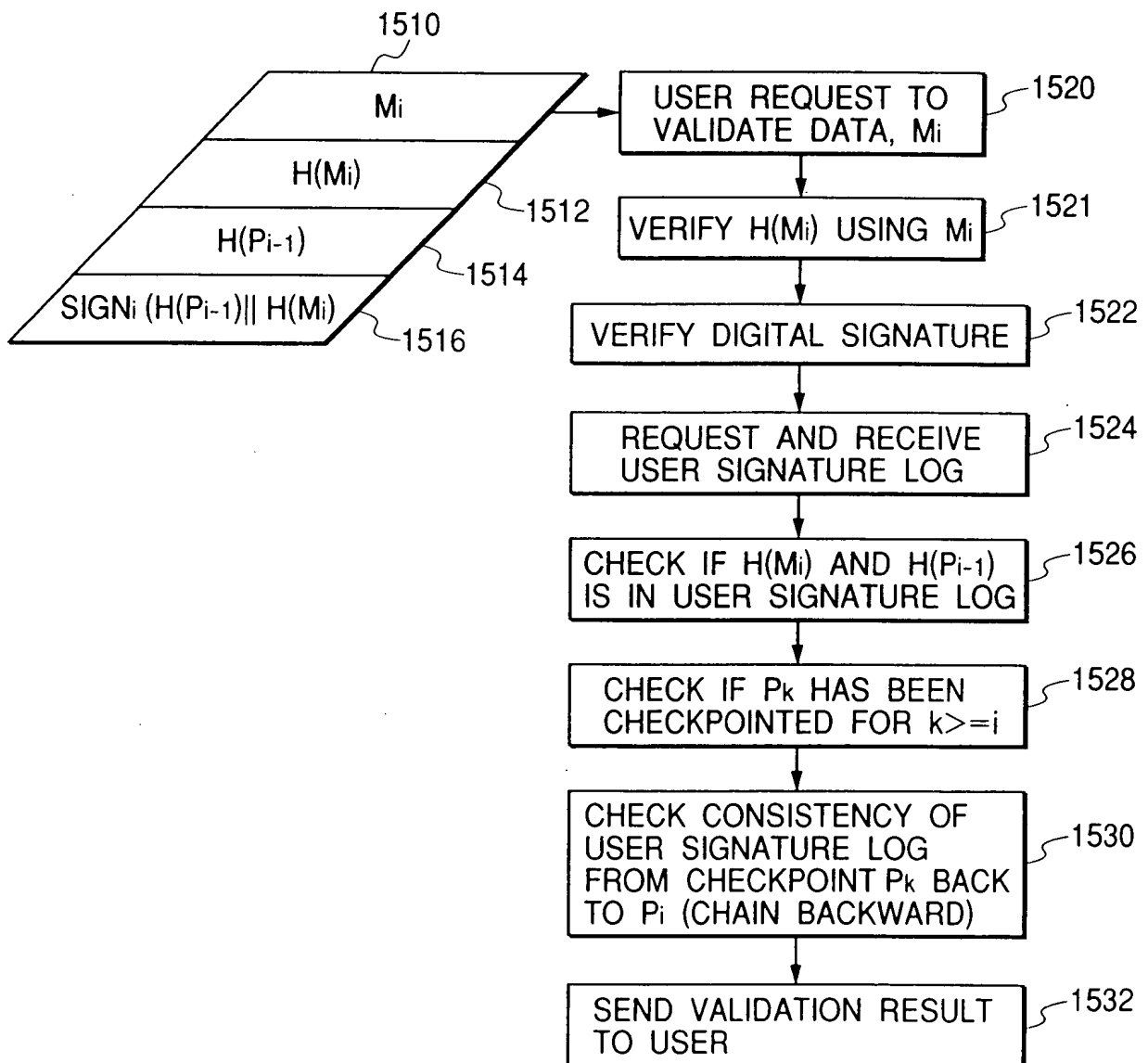
RECOVERY SERVER VALIDATING
A USER SIGNATURE LOG ENTRY



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FIG. 15

RECOVERY SERVER VALIDATING A USER DATA ITEM



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FIG. 16

EVIDENCE COLLECTION SERVER COLLECTING DATA

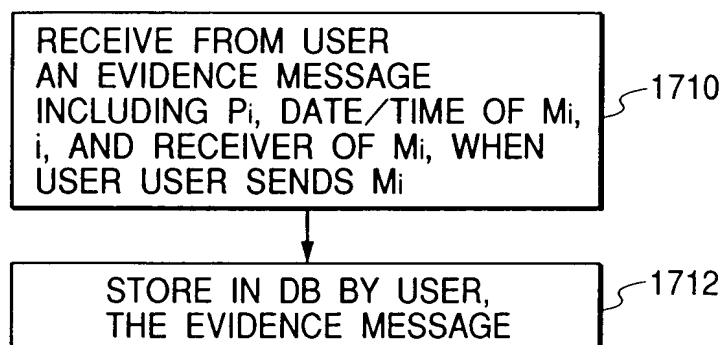


FIG. 17

EVIDENCE COLLECTION SERVER RECOVERING DATA

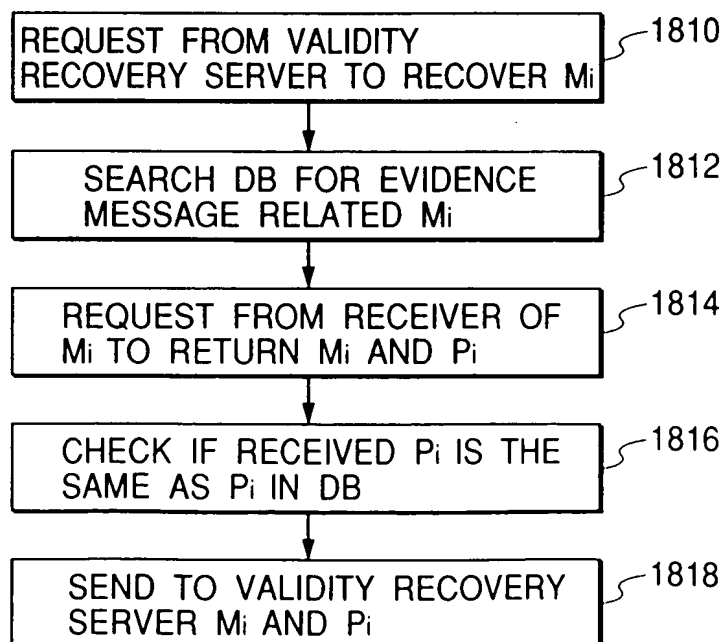
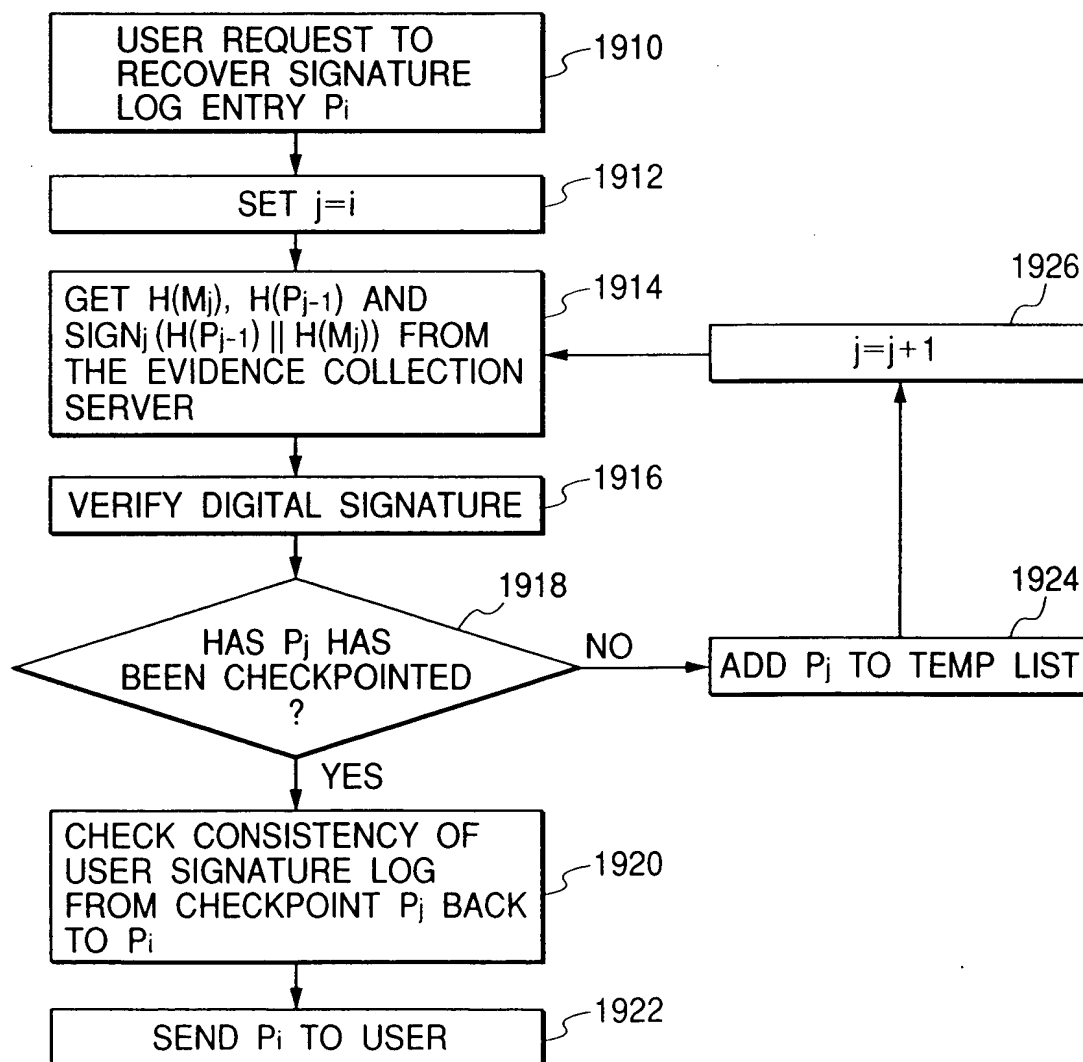


FIG. 18

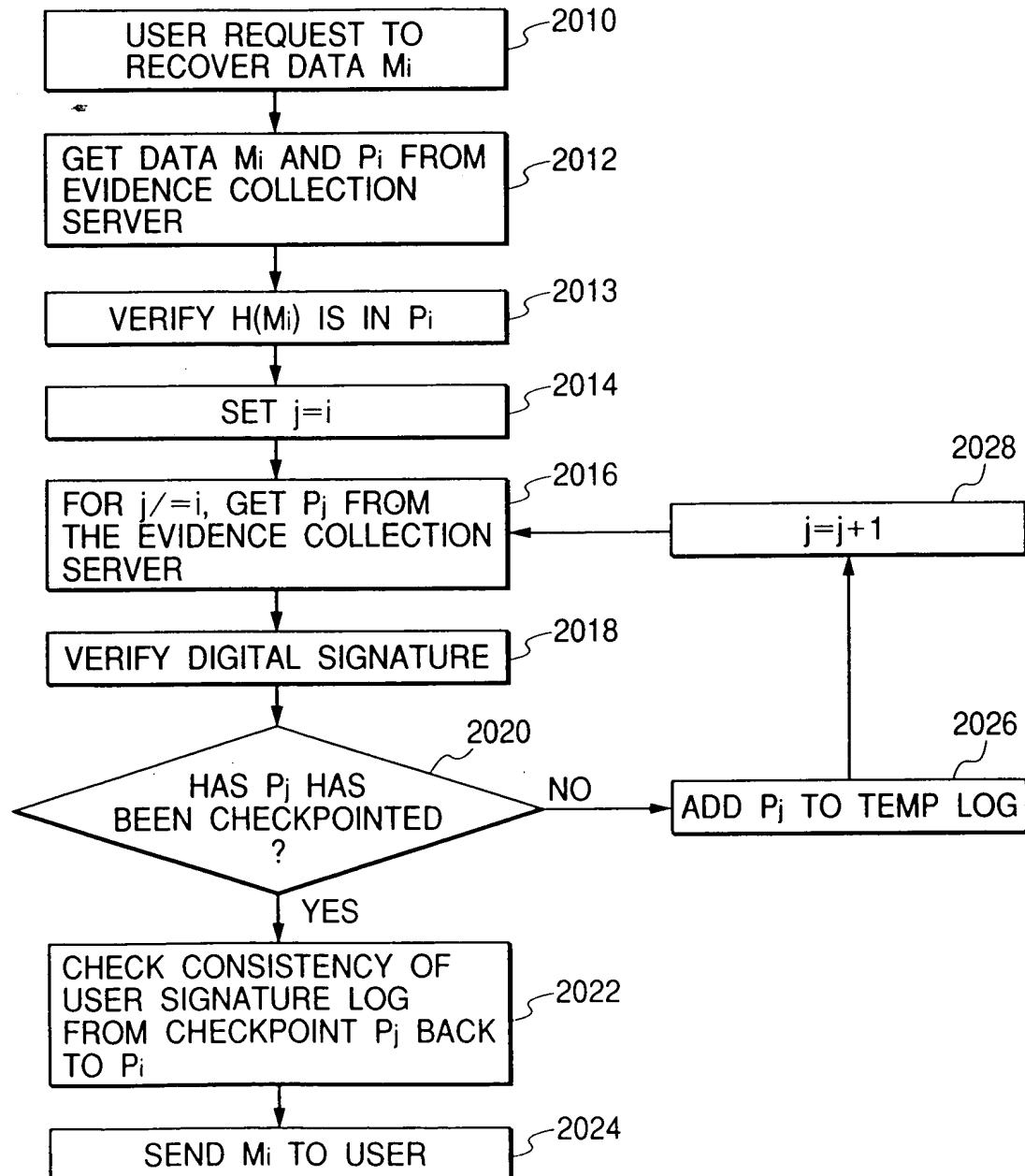
RECOVERY SERVER RECOVERING USER SIGNATURE LOG ENTRY



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FIG. 19

RECOVERY SERVER RECOVERING USER DATA ITEM



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FIG. 20

RECOVERY SERVER RECOVERING USER
DATA BETWEEN TWO POINTS IN TIME

